

No. 733,124.

PATENTED JULY 7, 1903.

T. BECKWITH.
HERNIAL TRUSS.

APPLICATION FILED MAR. 16, 1903.

NO MODEL.

FIG-1-

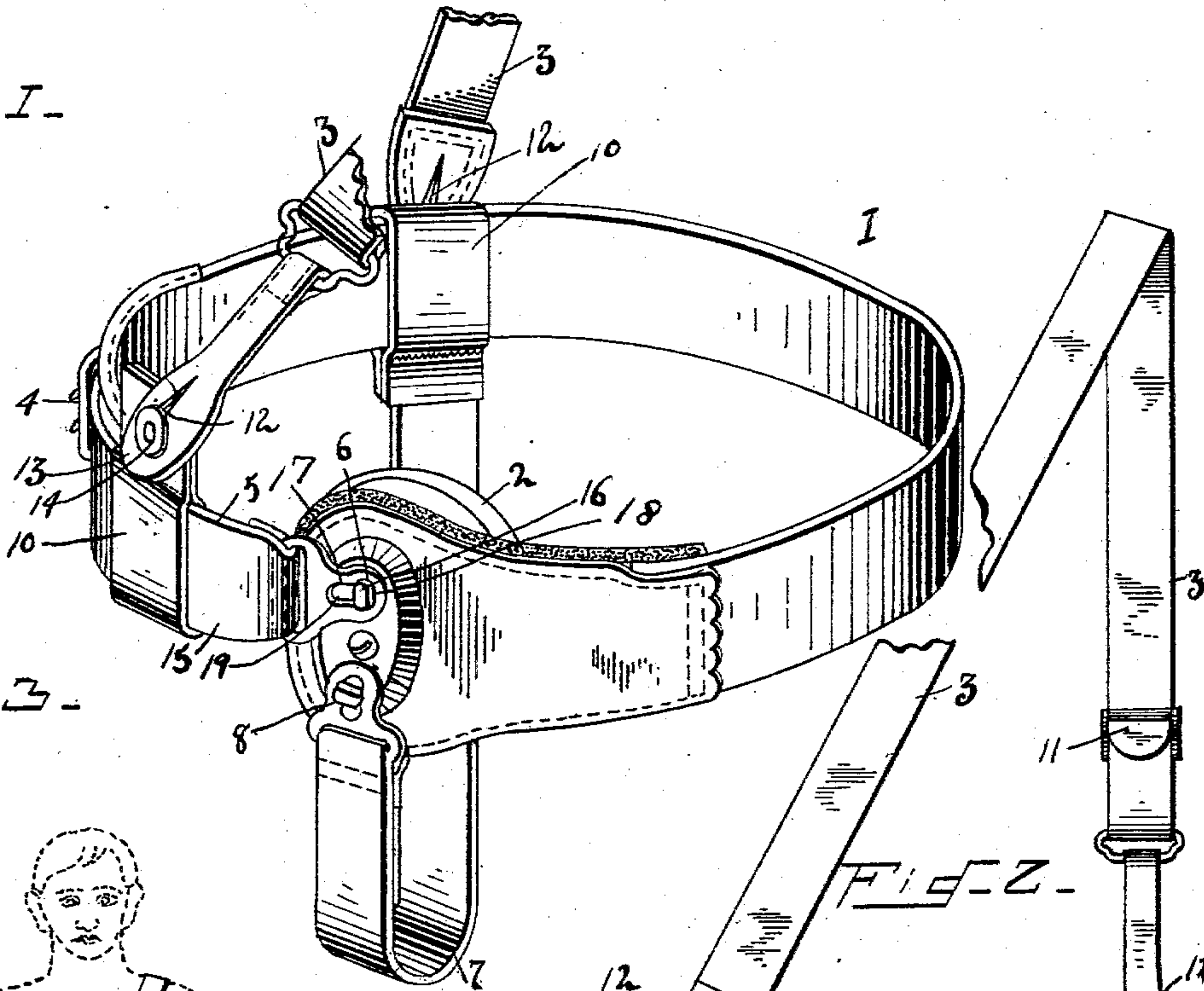


FIG-2-

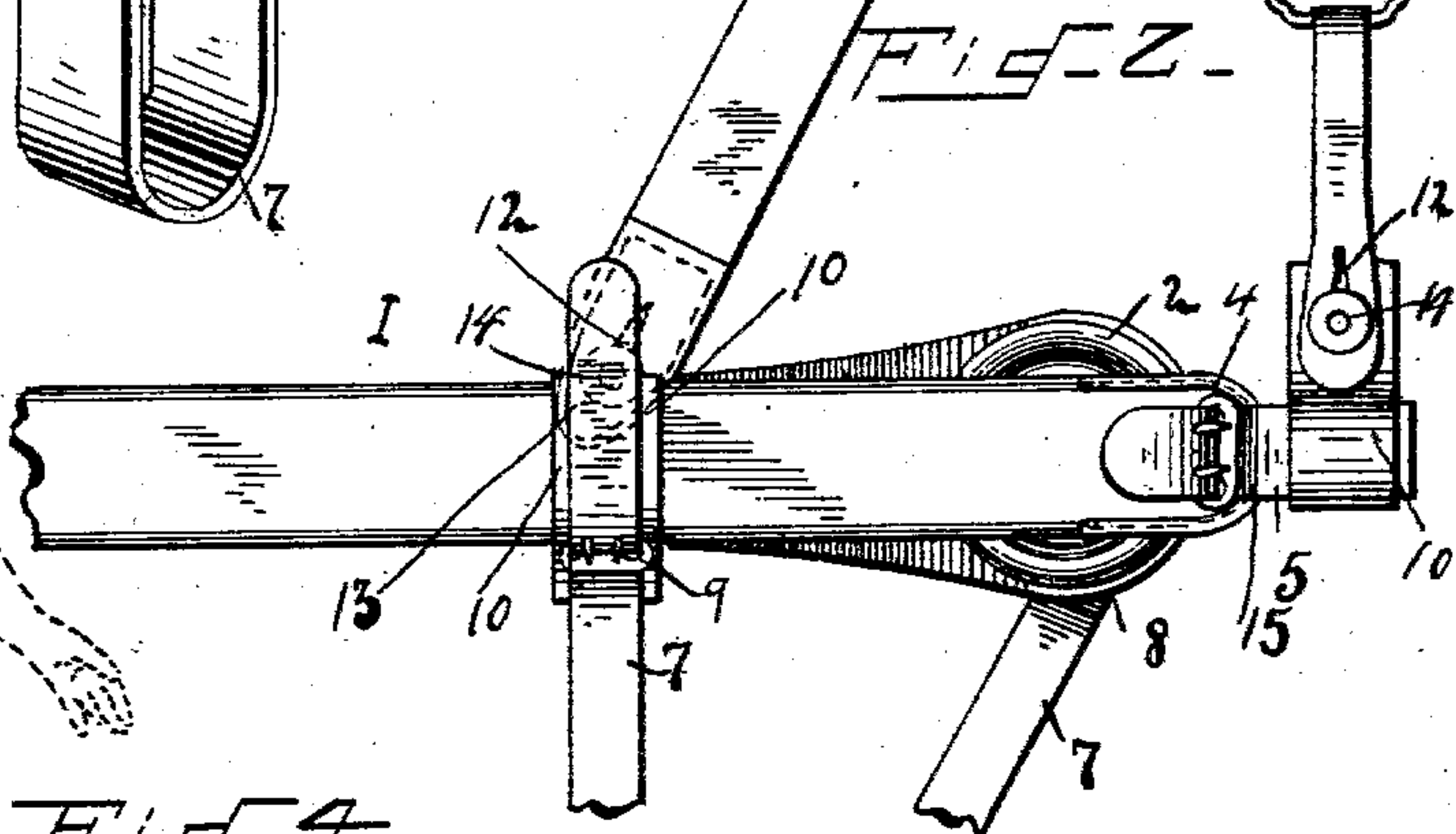
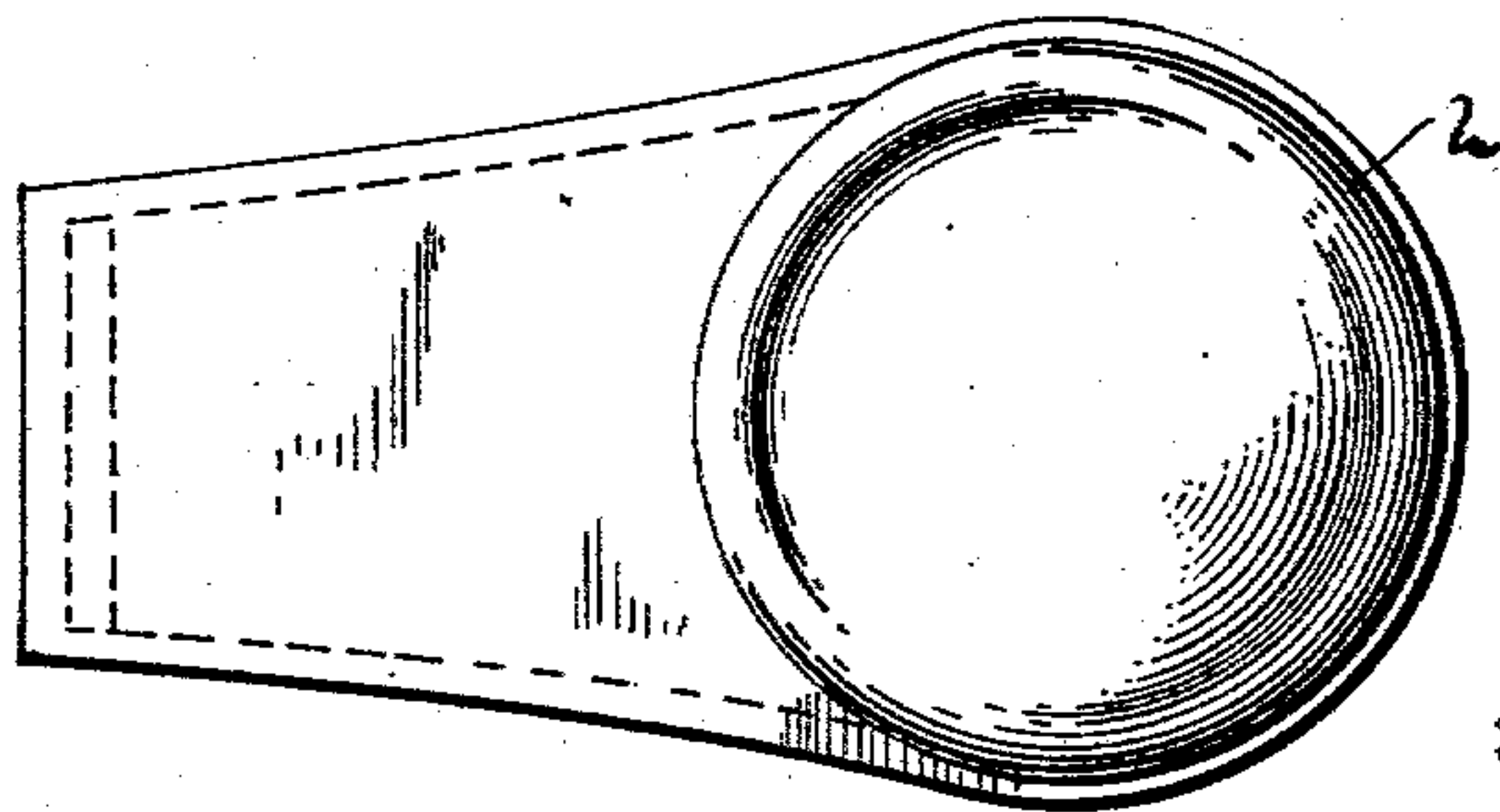
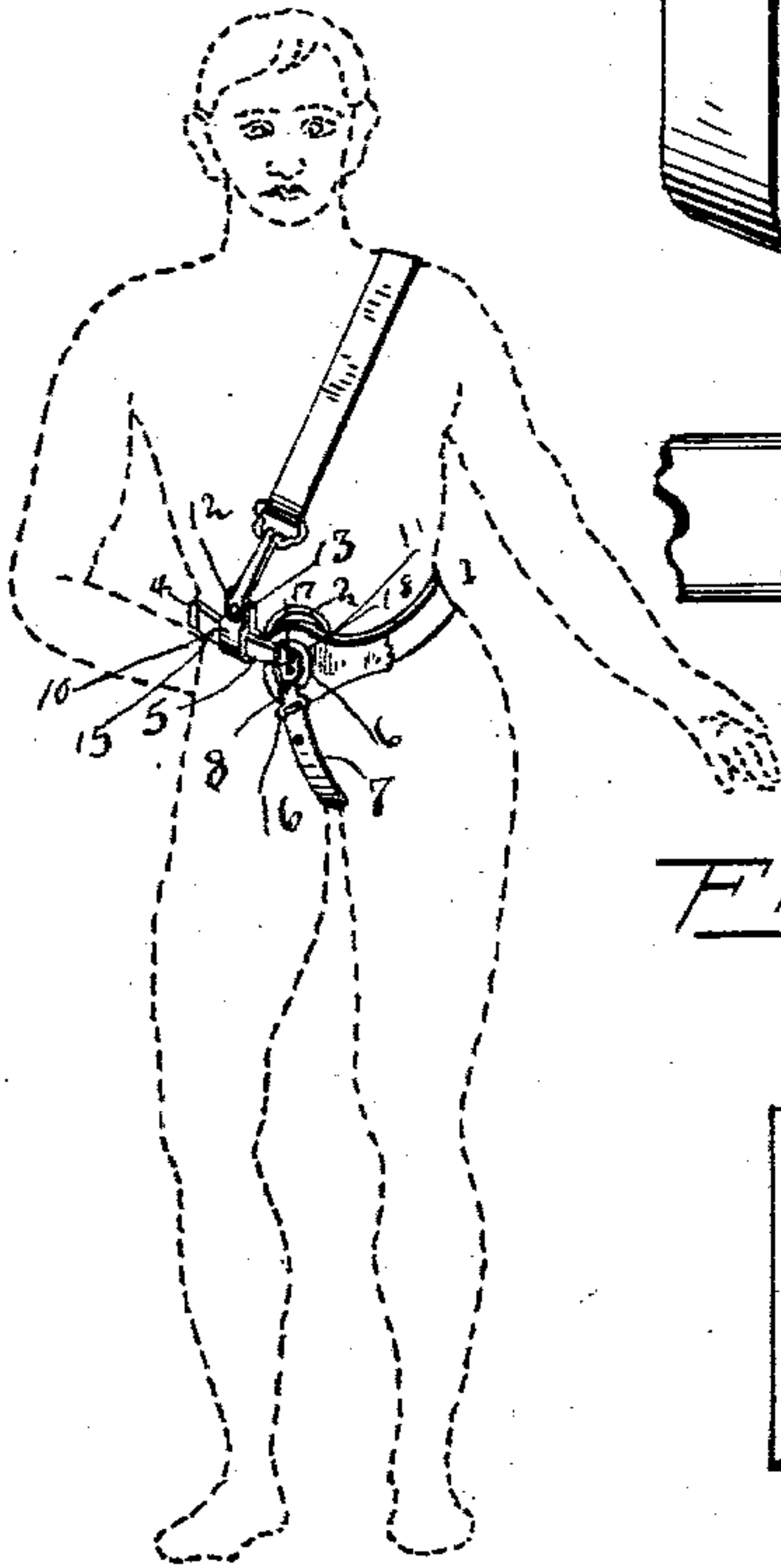


FIG-3-



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HERNIAL TRUSS.

SPECIFICATION forming part of Letters Patent No. 733,124, dated July 7, 1903.

Application filed March 16, 1903. Serial No. 148,045. (No model.)

To all whom it may concern:

Be it known that I, TOWNSEND BECKWITH, a citizen of the United States, residing at Big-flats, in the county of Chemung and State of New York, have invented certain new and useful Improvements in Trusses; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in trusses, its object being to provide means for supporting the truss belt and pad in the proper position to retain the rupture, a further object being to provide an improved truss which is simple in construction, durable in use, efficient in operation, and comparatively inexpensive of production.

With these and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, which will be hereinafter more fully described, and particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of my improved truss. Fig. 2 is a rear elevation of the same. Fig. 3 is a front view showing the truss applied to the body of a person to be treated, the figure being indicated in dotted lines. Fig. 4 is a detail view of the truss-pad.

In the drawings I have illustrated a single truss adapted for a rupture upon the right side of the body. The truss comprises the belt 1, the truss-pad 2, and the supporting-strap 3. The belt or body-strap is preferably elastic and has the truss-pad 2 secured upon one end of the same. The truss-pad is preferably circular and constructed of wood or leather. The opposite end of the belt is provided with a buckle 4, which is adapted to adjustably engage the free end of a non-elastic adjusting-strap 5, detachably connected to the truss-pad at 6. By means of this adjusting-strap and buckle the belt is adjusted upon the body of the wearer so that the truss-pad bears with the necessary pressure upon the body.

The elastic perineal strap 7 has one end detachably connected to the truss-pad at 8 and its other end adjustably engaged with a

buckle 9, secured to a loop or slide 10 upon the rear portion of the belt.

In order to permit the belt to be worn as loosely as possible and to prevent the same from slipping, I provide the suspender or supporting strap 3, which has its ends secured to the front and rear of the belt upon the side of the body where the rupture is located and which passes over the shoulder upon the opposite side of the body, as shown in Fig. 3. This strap may be of any desired material and shape, but is preferably elastic and flat and made adjustable by means of the pivoted jaw-clasp 11, which may be of any desired construction. The ends of the shoulder-strap are detachably secured to the belt in any preferred way. That illustrated in the drawings consists in providing the rear end of the strap with an eye or buttonhole 12, formed in a reinforced tip or end 13, which is adapted to be engaged with a button 14, secured upon the loop or slide 10. The front end of the supporting-strap is provided with a short connecting-strap 15, which is attached to same by the link or bail 16. The end of this connecting-strap is formed with a buttonhole or eye 17, which engages a button 18, attached to a loop or slide 19 upon the adjusting-strap 5.

In the application of the device the belt is adjusted about the body of the person to be treated by means of the adjusting-strap 5 and buckle 4 until the pad 2 bears with the proper pressure upon the body. The suspender-strap 3 is then passed over the shoulder upon the side of the body opposite to that upon which the rupture is located and the ends of same secured to the front and rear of the body-belt adjacent to the rupture. It will be seen by thus supporting the belt that the same will be prevented from slipping down and turning upon the body and that the belt may be worn more loosely than when the suspender-strap is not employed.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the prin-

ciple or sacrificing any of the advantages of this invention.

Having thus fully described my invention, what I claim as new, and desire to secure by

5 Letters Patent, is—

1. The combination with a body-belt and a truss-pad carried thereby, of an adjustable supporting-strap adapted to pass over the shoulder of the wearer upon the side of the
10 body opposite that upon which the rupture is located and having its ends detachably connected to the front and rear of the belt upon the ruptured side of the body, substantially as described.

15 2. The combination with a belt provided with loops or slides upon the front and rear of the same, and a truss-pad carried by said belt, of an elastic adjustable supporting-strap having its ends detachably secured to said
20 loops or slides and passing over the shoulder of the wearer upon the side of the body opposite that upon which the rupture is located, substantially as described.

25 3. A device of the character described, comprising a body-belt, a truss-pad carried thereby, slides or loops upon the front and rear of

said belt adjacent to said pad, buttons upon said loops, an elastic supporting-strap adapted to pass over the shoulder of the wearer upon the side of the body opposite to that
30 upon which the rupture is located and provided with buttonholes in its ends to engage said buttons, and an adjusting-clasp upon said supporting-strap, substantially as described.

35 4. The combination in a truss, and with a body-belt and a pad carried thereby, of slides upon the front and rear of the belt, a supporting-strap having the ends connected to said slides and adapted to engage the body
40 of the wearer upon the side opposite that on which the rupture is located, and a perineal strap connected at front to the belt and at rear to the said rear slide, substantially as described.

45 In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

TOWNSEND BECKWITH.

Witnesses:

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THOMAS R. MINIER.